



EXPLANATION
[Description of map units is given in text]

MORaine DEPOSITS (LATE PLEISTOCENE)
End-moraine deposits of the Elmendorf Moraine
eme Deposits of the main phase
emy Deposits of a younger phase
Ground-moraine deposits of the Elmendorf Moraine
emg Ground moraine deposits, undivided
emh Deposits with high relief
emd Deposits in well-developed drumlins
emk Deposits that include some kame deposits
*kd Knik diamicton (informal term), undivided
*kdb Knik diamicton that exhibits bedding

GLACIOALLUVIAL DEPOSITS OF THE ELMENDORF MORaine (LATE PLEISTOCENE)
Kame deposits
ek Kame deposits, undivided
ekh Kame deposits that exhibit high relief
ekc Kame-channel deposits
ektt Kame-terrace deposits near Tuomi Lake
Meltwater-channel and meltwater-fan deposits
ec Channel deposits
ecs Sixmile Lake alluvial deposits
mvf Mountain View glacioalluvial fan deposits
eo Outwash-fan deposits
eoy Younger outwash-fan deposits
*eoa Advance outwash deposits
*eot Advance outwash transitional to glacioestuarine deposits

ESTUARINE AND GLACIOESTUARINE DEPOSITS
Modern intertidal deposits (latest Holocene)
il Deposits of the lower intertidal zone
iu Deposits of the upper intertidal zone
io Older intertidal deposits (Holocene)
ib Deposits of the modern beach (latest Holocene)
Deposits near Mule Creek (early Holocene and latest Pleistocene)
ms Sand deposits
mp Sand deposits with peat at surface
md Sand deposits that may thinly overlie diamicton
*mc Clayey silt and silty sand deposits

Deposits near Hood Lake (late Pleistocene)
hs Sand deposits
hp Sand deposits with peat at surface
hd Sand deposits that may thinly cover diamicton
bc Bootlegger Cove Formation (late Pleistocene)
*bcc Bootlegger Cove Formation that exhibits convoluted bedding

ALLUVIAL DEPOSITS (Holocene)
al Alluvial deposits along small streams and in low terraces
alf Fine-grained deposits
aff Fine-grained alluvial-fan deposits

PEAT AND POND DEPOSITS (HOLOCENE AND LATE PLEISTOCENE)
p
COLLUVIAL DEPOSITS (HOLOCENE AND LATE PLEISTOCENE)
cw Colluvial deposits on valley and channel walls and along sea bluffs
cl Landslide deposits, undivided
clq Landslide deposits that formed during the 1964 earthquake

ANTHROPOGENIC DEPOSITS (LATEST HOLOCENE)
f Engineered fill

OTHER SYMBOLS
Contact--Well located, approximate, inferred, or indefinite

Escarpment--Indicates selected relatively prominent differences in level between adjacent channel deposits; ticks on side of lower channel
<><><><> Esker--Sites where esker deposits might underlie deposits mapped at the surface; direction of transport unknown; only selected features shown
S Stratigraphic units exposed in sea bluffs--Shown in figure 3

1 Stratigraphic location number--Site of measured section or other detailed observation of stratigraphic units
① Radiocarbon locality--Site of radiocarbon-dated stratigraphic unit; dates listed in table 1

Anthropogenically disturbed area--Extraction or construction site of undifferentiated cut and fill

*Map unit appears only in figure 3.